

35.G1781 Div. I

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YASUO KOMADA)
Application No.: Unassigned)
(This is a divisional of Appln.:)
No. 08/662,125, filed June 12,)
1996, allowed May 7, 2001.) :
Filed: May 18, 2001)
For: IMAGE-PROCESSING APPARA-)
TUS EQUIPPED WITH RECORD- :
ING-MATERIAL MANUAL-FEED-) May 18, 2001
ING MECHANISM AND CONTROL:
METHOD FOR THE APPARATUS)

Commissioner for Patents
Box New Application
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Preliminary to examination on the merits, Applicant respectfully requests that the above-identified application be amended in the following manner:

IN THE SPECIFICATION:

Please insert the following paragraph at page 1, line 5 of the specification.

--This is a divisional application of U.S. Patent Application No. 08/662,125, filed on June 12, 1996, and allowed on May 7, 2001.--.

IN THE CLAIMS:

Please cancel Claims 1-3, 5-13, 15 and 16 without prejudice to or disclaimer of their subject matter.

All claims in this application are being reproduced below for the Examiner's convenience.

1. (**CANCELLED**) An image-processing apparatus comprising:

receiving means for receiving image data;

recording means for recording the image data received by said receiving means onto recording material;

manual-feeding means for receiving and feeding manually-loaded recording material of various size;

inquiry means for, before said recording means records the image data, making an inquiry of an operator of said image processing apparatus and receiving an instruction as to whether said recording means is to record the image data on the recording material fed by said manual-feeding means; and

control means for causing said recording means to record the image data on the recording material fed by said manual-feeding means when an instruction to record is given in response to the inquiry made by said inquiry means.

2. (**CANCELLED**) The image processing apparatus according to claim 1, further comprising:

storage means for storing the image data
received by said receiving means; and

accommodating means accommodating pre-loaded
recording material,

wherein, when an instruction not to perform is
given in response to the inquiry made by said inquiry means,
said control means, depending upon an operational criterion,
either causes said storage means to store the image data or
causes said recording means to record the image data onto
recording material from said accommodating means.

3. (**CANCELLED**) The image-processing apparatus
according to claim 2, wherein, when no instruction has been
given in response to the inquiry made by said inquiry means
after a lapse of a predetermined period, said control means,
depending upon the operational criterion, either causes said
storage means to store the image data or causes said
recording means to record the image data onto the recording
material from said accommodating means.

4. (Not Amended) An image-processing apparatus
comprising:

input means for inputting image data;

size-detection means for detecting a size of
the image data input by said input means;

manual-feeding means for receiving and feeding
manually-loaded recording material of various size;

determining means for determining, based on the size of the image data detected by said size-detection means, a recording-material size appropriate for recording the image data input by said input means; and

display means for displaying, when feeding is to be performed by said manual-feeding means, the recording-material size determined by said determining means.

5. (CANCELLED) An image-processing apparatus comprising:

input means for inputting image data;

storage means for storing the image data input by said input means;

manual-feeding means for receiving and feeding manually-loaded recording material of various size;

recording means for recording the image data input by said input means onto the recording material fed by said manual-feeding means;

determining means for determining whether the image data input by said input means has been fit by said recording means onto the recording material; and

control means for discontinuing storage of the image data by said storage means when it is determined by said determining means that the image data has been fit onto the recording material, and for continuing storage of the image data by said storage means when it is determined by

said determining means that the image data has not been fit onto the recording material.

6. (**CANCELLED**) The image-processing apparatus according to claim 5, further comprising:

size-detection means for detecting a size of the image data input by said input means; and

counter means for counting a time elapsed as the recording material passes through a predetermined position,

wherein said determining means determines whether the image data has been fit onto the recording material based on the size detected by said size-detection means and the time counted by said counter means.

7. (**CANCELLED**) A control method for an image-processing apparatus, comprising the steps of:

(a) receiving image data;

(b) making an inquiry to an operator of the image-processing apparatus as to whether an image based on the image data received in step (a) is to be recorded; and

(c) recording the image based on the image data received in step (a) onto manually-loaded recording material fed by a manual-feeding mechanism for use with the image-processing apparatus when an instruction to record is given in response to the inquiry made in step (b).

8. (CANCELLED) The control method according to claim 7, further comprising the step of, prior to step (b), selecting whether recording-material feeding is to be done by said manual-feeding mechanism, and wherein the inquiry in step (b) is made when feeding by said manual-feeding mechanism has been selected.

9. (CANCELLED) The control method according to claim 7, wherein said image-processing apparatus includes a cassette for holding pre-loaded recording material, and the recording material fed by said manual-feeding mechanism is not taken from said cassette.

10. (CANCELLED) The control method according to claim 9, further comprising the step of recording the image based on the image data received in step (a) onto recording material from said cassette when an instruction not to record is given in response to the inquiry made in step (b).

11. (CANCELLED) The control method according to claim 9, further comprising the step of recording the image based on the image data received in step (a) onto recording material from said cassette when no instruction has been given in response to the inquiry made in step (b) after a lapse of a predetermined period.

12. (**CANCELLED**) The control method according to claim 7, further comprising the step of storing the image data received in step (a) when an instruction not to record is given in response to the inquiry made in step (b).

13. (**CANCELLED**) The control method according to claim 7, further comprising the step of storing the image data received in step (a) when no instruction has been given in response to the inquiry made in step (b) after a lapse of a predetermined period.

14. (Not Amended) A control method for an image-processing apparatus, comprising the steps of:

- (a) inputting image data;
- (b) detecting a size of the image data input in step (a);
- (c) determining a recording-material size appropriate for recording the image data input in step (a) based on the size of the image data detected in step (b); and
- (d) displaying the recording-material size determined in step (c) before the start of recording when the recording is to be done on recording material fed by a manual-feeding mechanism for use with said image-processing apparatus.

15. (**CANCELLED**) A control method for an image-processing apparatus, comprising the steps of:

(a) inputting image data;
(b) storing the image data input in step (a);
(c) recording the image data input in step (a) onto recording material fed by a manual-feeding mechanism for use with the image-processing apparatus;
(d) determining whether the image data has been correctly recorded on the recording material;
(e) erasing the image data stored in step (b) when it is determined in step (d) that the image data has been correctly recorded; and
(f) holding the image data stored in step (b) when it is determined in step (d) that the image data has not been correctly recorded.

16. (**CANCELLED**) The control method according to claim 15, further comprising the steps of:

(g) detecting a size of the image data input in step (a); and
(h) counting a time required for the recording material fed by the manual-feeding mechanism to pass through a predetermined position,
wherein the determination of step (d) is made based on the size detected in step (g) and the time counted in step h).

Please add Claims 17-31 as follows:

--17. An image-processing apparatus according to claim 4, wherein the size of the recording material fed by said manual-feeding means cannot be discriminated before the image data input by said input means is recorded.

18. An image-processing apparatus comprising:
input means for inputting image data;
manual-feeding means for receiving and feeding manually-loaded recording material of various size;
accommodating means for accommodating pre-loaded recording material;
recording means for recording an image based on the image data input by said input means onto the recording material manually fed by said manual-feeding means or automatically fed from said accommodating means;
display means for displaying a size information of the recording material onto which the image is recorded based on the image data input by said input means;
and

control means for controlling said display means so as to display the size information in a case where said recording means records the image onto the recording medium fed by said manual-feeding means, and controlling said display means so as not to display the size information in a case where said recording means records the image onto the recording material fed from said accommodating means.

19. An image-processing apparatus according to claim 18, wherein said recording means records the image onto the recording material fed from said accommodating means when the image cannot be recorded onto the recording material fed by said manual-feeding means after displaying the size information by said display means.

20. An image-processing apparatus according to claim 18, further comprising setting means for setting a manual-feeding means for recording the image onto the recording material fed by said manual-feeding means, wherein said control means displays on said display means the size information of the image represented by the image data input by said input means while the manual-feeding mode is set by said setting means.

21. An image-processing apparatus according to claim 20, wherein said recording means has priority to record the image onto the recording material fed by said manual-feeding means when the manual-feeding mode is set by said setting means.

22. An image-processing apparatus according to claim 18, wherein the size of the recording material fed by said manual-feeding means cannot be discriminated before the image based on the image data input by said input means is recorded by said recording means.

23. An image-processing apparatus according to claim 18, wherein the size of the recording material accommodated by said accommodating means can be discriminated before the image based on the image data input by said input means is recorded by said recording means.

24. A control method for controlling an image-processing apparatus comprising the steps of:

inputting image data;

recording image based on the image data input in said input step onto a recording material manually fed by a manual-feeding mechanism of the image-processing apparatus or automatically fed from an accommodating unit for accommodating a plurality of recording material of the image-processing apparatus;

displaying a size information of the recording material onto which the image is recorded based on the image data input by said input means; and

controlling a displaying in said display step so as to display the size information in a case where said recording step records the image onto the recording medium fed by the manual-feeding mechanism, and controlling the displaying so as not to display the size information in a case where said recording step records the image onto the recording material fed from the accommodating unit.

25. An image-processing apparatus according to claim 24, wherein said recording means records the image onto

the recording material fed from said accommodating means when the image cannot be recorded onto the recording material fed by said manual-feeding means after displaying the size information by said display means.

26. An image-processing apparatus according to claim 24, further comprising setting means for setting a manual-feeding means for recording the image onto the recording material fed by said manual-feeding means, wherein said control means displays on said display means the size information of the image represented by the image data input by said input means while the manual-feeding mode is set by said setting means.

27. An image-processing apparatus according to claim 26, wherein said recording means has priority to record the image onto the recording material fed by said manual-feeding means when the manual-feeding mode is set by said setting means.

28. An image-processing apparatus according to claim 24, wherein the size of the recording material fed by said manual-feeding means cannot be discriminated before the image based on the image data input by said input means is recorded by said recording means.

29. An image-processing apparatus according to claim 24, wherein the size of the recording material

accommodated by said accommodating means can be discriminated before the image based on the image data input by said input means is recorded by said recording means.

30. A machine-readable medium on which is stored a program for effecting the steps of:

- (a) inputting image data;
- (b) detecting a size of the image data input in step (a);
- (c) determining a recording-material size appropriate for recording the image data input in step (a) based on the size of the image data detected in step (b); and
- (d) displaying the recording-material size determined in step (c) before the start of recording when the recording is to be done on recording material fed by a manual-feeding mechanism for use with said image-processing apparatus.

31. A machine-readable medium on which is stored a program for effecting the steps of:

- (a) inputting image data;
- (b) recording image based on the image data input in said input step onto a recording material manually fed by a manual-feeding mechanism of the image-processing apparatus or automatically fed from an accommodating unit for accommodating a plurality of recording material of the image-processing apparatus;

(c) displaying a size information of the recording material onto which the image is recorded based on the image data input by said input means; and

(d) controlling a displaying in said display step so as to display the size information in a case where said recording step records the image onto the recording medium fed by the manual-feeding mechanism, and controlling the displaying so as not to display the size information in a case where said recording step records the image onto the recording material fed from the accommodating unit.--.

REMARKS

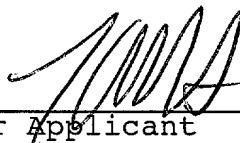
This is a divisional application of U.S. Patent Application No. 08/662,125, filed June 12, 1996, and allowed May 7, 2001.

Claims 4, 14 and 17-31 are being presented for examination on the merits and correspond to non-elected Claims 4, 14, 17, 20-31, 33 and 35 in the parent application. Claims 4, 14, 20, 26, 33 and 35 are the independent claims. Claims 1-3, 5-13, 15 and 16 have been cancelled and Claims 17-31 have been added. Favorable consideration and allowance of the above-identified application is respectfully requested.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010.

All correspondence should continue to be directed to our
below listed address.

Respectfully submitted,



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MARKED-UP VERSION OF THE CLAIMS

1. (CANCELLED) An image-processing apparatus comprising:
- receiving means for receiving image data;
 - recording means for recording the image data received by said receiving means onto recording material;
 - manual-feeding means for receiving and feeding manually-loaded recording material of various size;
 - inquiry means for, before said recording means records the image data, making an inquiry of an operator of said image processing apparatus and receiving an instruction as to whether said recording means is to record the image data on the recording material fed by said manual-feeding means; and
 - control means for causing said recording means to record the image data on the recording material fed by said manual-feeding means when an instruction to record is given in response to the inquiry made by said inquiry means.

2. (CANCELLED) The image processing apparatus according to claim 1, further comprising:
- storage means for storing the image data received by said receiving means; and
 - accommodating means accommodating pre-loaded recording material,

wherein, when an instruction not to perform is given in response to the inquiry made by said inquiry means, said control means, depending upon an operational criterion, either causes said storage means to store the image data or causes said recording means to record the image data onto recording material from said accommodating means.

3. (CANCELLED) The image-processing apparatus according to claim 2, wherein, when no instruction has been given in response to the inquiry made by said inquiry means after a lapse of a predetermined period, said control means, depending upon the operational criterion, either causes said storage means to store the image data or causes said recording means to record the image data onto the recording material from said accommodating means.

5. (CANCELLED) An image-processing apparatus comprising:

- input means for inputting image data;
- storage means for storing the image data input by said input means;
- manual-feeding means for receiving and feeding manually-loaded recording material of various size;
- recording means for recording the image data input by said input means onto the recording material fed by said manual-feeding means;

determining means for determining whether the image data input by said input means has been fit by said recording means onto the recording material; and

control means for discontinuing storage of the image data by said storage means when it is determined by said determining means that the image data has been fit onto the recording material, and for continuing storage of the image data by said storage means when it is determined by said determining means that the image data has not been fit onto the recording material.

6. **(CANCELLED)** The image-processing apparatus according to claim 5, further comprising:

size-detection means for detecting a size of the image data input by said input means; and

counter means for counting a time elapsed as the recording material passes through a predetermined position,

wherein said determining means determines whether the image data has been fit onto the recording material based on the size detected by said size-detection means and the time counted by said counter means.

7. **(CANCELLED)** A control method for an image-processing apparatus, comprising the steps of:

(a) receiving image data;

(b) making an inquiry to an operator of the image-processing apparatus as to whether an image based on the image data received in step (a) is to be recorded; and

(c) recording the image based on the image data received in step (a) onto manually-loaded recording material fed by a manual-feeding mechanism for use with the image-processing apparatus when an instruction to record is given in response to the inquiry made in step (b).

8. **(CANCELLED)** The control method according to claim 7, further comprising the step of, prior to step (b), selecting whether recording-material feeding is to be done by said manual-feeding mechanism, and wherein the inquiry in step (b) is made when feeding by said manual-feeding mechanism has been selected.

9. **(CANCELLED)** The control method according to claim 7, wherein said image-processing apparatus includes a cassette for holding pre-loaded recording material, and the recording material fed by said manual-feeding mechanism is not taken from said cassette.

10. **(CANCELLED)** The control method according to claim 9, further comprising the step of recording the image based on the image data received in step (a) onto recording

material from said cassette when an instruction not to record is given in response to the inquiry made in step (b).

11. **(CANCELLED)** The control method according to claim 9, further comprising the step of recording the image based on the image data received in step (a) onto recording material from said cassette when no instruction has been given in response to the inquiry made in step (b) after a lapse of a predetermined period.

12. **(CANCELLED)** The control method according to claim 7, further comprising the step of storing the image data received in step (a) when an instruction not to record is given in response to the inquiry made in step (b).

13. **(CANCELLED)** The control method according to claim 7, further comprising the step of storing the image data received in step (a) when no instruction has been given in response to the inquiry made in step (b) after a lapse of a predetermined period.

15. **(CANCELLED)** A control method for an image-processing apparatus, comprising the steps of:

- (a) inputting image data;
- (b) storing the image data input in step (a);

(c) recording the image data input in step (a) onto recording material fed by a manual-feeding mechanism for use with the image-processing apparatus;

(d) determining whether the image data has been correctly recorded on the recording material;

(e) erasing the image data stored in step (b) when it is determined in step (d) that the image data has been correctly recorded; and

(f) holding the image data stored in step (b) when it is determined in step (d) that the image data has not been correctly recorded.

16. (**CANCELLED**) The control method according to claim 15, further comprising the steps of:

(g) detecting a size of the image data input in step (a); and

(h) counting a time required for the recording material fed by the manual-feeding mechanism to pass through a predetermined position,

wherein the determination of step (d) is made based on the size detected in step (g) and the time counted in step h).

Div. of Application No. 08/662,125
Attorney Docket No.: 35.G1781 Div. I

MARKED-UP VERSION OF THE SPECIFICATION

Please insert the following paragraph at page 1,
line 5 of the specification.

--This is a divisional application of U.S. Patent
Application No. 08/662,125, filed on June 12, 1996, and
allowed on May 7, 2001.--.

Docketing

Client Matter No.: 35.G1781 DIV. I

Lawrence A. Stahl

May 18, 2001

Source of IDS Information

The attached Information Disclosure Statement:

☐ Cites information forwarded in correspondence
from the client dated _____.

☐ Cites information from our in-house inventor
search.

☒ Other (provide brief explanation).

Cites references from parent appln. no.

08/662,125

35.G1781 Div. I

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YASUO KOMADA) : Examiner: Unassigned
Application No.: Unassigned) : Group Art Unit: Unassigned
(This is a divisional of Appln. :
No. 08/662,125, filed June 12,)
1996, allowed May 7, 2001.) :
Filed: May 18, 2001)
For: IMAGE-PROCESSING APPARA-) May 18, 2001
TUS EQUIPPED WITH RECORD-:
ING-MATERIAL MANUAL-FEED-)
ING MECHANISM AND CONTROL:
METHOD FOR THE APPARATUS)

JCS68 U.S. PTO
09/859481
05/18/01

Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

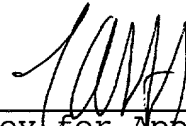
In compliance with the duty of disclosure under
37 C.F.R. § 1.56 and in accordance with the practice under
37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed
to the documents listed on the enclosed Form PTO-1449. Copies of
the listed documents are also enclosed.

CONCLUSION

It is respectfully requested that the above
information be considered by the Examiner and that an initialed
copy of the enclosed Form PTO-1449 be returned indicating that
such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicant
Lawrence A. Stahl
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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted to the PTO: May 18, 2001			ATTY DOCKET NO 35.G1781 Div. I		APPLICATION NO. (Div. of 08/662,125) Unassigned		
			APPLICANT YASUO KOMADA				
			FILING DATE May 18, 2001		GROUP Unassigned		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,383,756	05/17/83	Hanamoto et al.	355	14 CU	07/07/81
		4,814,893	03/21/89	Katoh	358	296	06/08/88
		5,008,715	04/16/91	Imaizumi et al.	355	313	06/10/88
		5,019,916	05/28/91	Ogura	358	401	06/14/89
		5,258,779	11/02/93	Serizawa et al.	346	134	02/15/91
		5,321,486	06/14/94	Nanbu et al.	355	311	11/12/92
		5,448,346	09/05/95	Tabata	355	311	03/17/94
		5,513,013	04/30/96	Kuo	358	448	08/24/92
		5,610,728	03/11/97	Sobue	358	449	07/22/93
		5,678,124	10/14/97	Tokura	399	26	04/12/95
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc)							
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

Sheet 1 of 1

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